"Improvements to Roads Drains and Other Developmental Works in Ananthapura Attur Ward No 03 Under SWM Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division Package 08"

EMB

(Pre-Measurement Sheet and Measurement Sheet)

Second and Final Bill

BOOK NO - 02

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads Drains and other developmental works in Ananthapura Atttur Ward No 03 under SWM head in Chief Minister Nava Nagarothan grants of yelahanka division Package -08

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.13		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		3/6/2021									
		Quantity Measured in 1st RA Bill								375.10	
		Present Bill Measurements									
		Mahalakshmi Layout									
		Raghavendra Medical Store									
0	30		Cum	1	30.00	4.25	4.80	4.53	0.40	54.30	
30	48.7		Cum	1	18.70	4.80	5.00	4.90	0.40	36.65	
48.7	50.6		Cum	1	1.90	5.00	4.40	4.70	0.40	3.57	
50.6	60		Cum	1	9.40	5.15	5.45	5.30	0.40	19.93	
60	90		Cum	1	30.00	5.45	5.35	5.40	0.40	64.80	
90	105		Cum	1	15.00	5.35	6.25	5.80	0.40	34.80	
		Cross Road -1									
0	18.3		Cum	1	18.30	6.80	6.80	6.80	0.40	49.78	
		Lotus farms Road									
0	6.3		Cum	1	6.30	9.00	8.45	8.73	0.40	21.99	
6.3	30		Cum	1	23.70	7.10	6.30	6.70	0.40	63.52	
30	51.8		Cum	1	21.80	6.30	7.00	6.65	0.40	57.99	
		Lotus farms Opposite Road									
0	16.5		Cum	1	16.50	11.10	10.00	10.55	0.40	69.63	
16.5	18.2		Cum	1	1.70	8.30	7.35	7.83	0.40	5.32	
		Cross Road-2									
0	15		Cum	1	15.00	6.40	6.45	6.43	0.40	38.55	
15	36.3		Cum	1	21.30	6.45	6.40	6.43	0.40	54.74	
36.3	45		Cum	1	8.70	3.95	5.35	4.65	0.40	16.18	
45	54.4		Cum	1	9.40	5.35	5.75	5.55	0.40	20.87	
54.4	63		Cum	1	8.60	6.40	6.40	6.40	0.40	22.01	
		Anathapura Ramanashree California									
0	30		Cum	1	30.00	8.30	9.45	8.88	0.30	79.88	
30	60		Cum	1	30.00	9.45	9.65	9.55	0.30	85.95	
60	90		Cum	1	30.00	9.65	9.55	9.60	0.30	86.40	
90	120		Cum	1	30.00	9.55	8.00	8.78	0.30	78.98	
120	150		Cum	1	30.00	8.00	9.60	8.80	0.30	79.20	
150	180		Cum	1	30.00	9.60	9.55	9.58	0.30	86.18	
180	210		Cum	1	30.00	9.55	9.60	9.58	0.30	86.18	
210	240		Cum	1	30.00	9.60	9.60	9.60	0.30	86.40	
240	269.2		Cum	1	29.20	9.60	7.70	8.65	0.30	75.77	
		#19 Shri venkateshwara Nilaya									
0	15		Cum	1	15.00	4.95	4.75	4.85	0.30	21.83	

For M/s. ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

13/6/2021.

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads Drains and other developmental works in Ananthapura Atttur Ward No 03 under SWM head in Chief Minister Nava Nagarothan grants of yelahanka division Package -08

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.13		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		3/6/2021									
		Quantity Measured in 1st RA Bill								375.10	
		Present Bill Measurements									
		Mahalakshmi Layout									
		Raghavendra Medical Store									
0	30		Cum	1	30.00	4.25	4.80	4.53	0.40	54.30	
30	48.7		Cum	1	18.70	4.80	5.00	4.90	0.40	36.65	
48.7	50.6		Cum	1	1.90	5.00	4.40	4.70	0.40	3.57	
50.6	60		Cum	1	9.40	5.15	5.45	5.30	0.40	19.93	
60	90		Cum	1	30.00	5.45	5.35	5.40	0.40	64.80	
90	105		Cum	1	15.00	5.35	6.25	5.80	0.40	34.80	
		Cross Road -1									
0	18.3		Cum	1	18.30	6.80	6.80	6.80	0.40	49.78	
		Lotus farms Road									
0	6.3		Cum	1	6.30	9.00	8.45	8.73	0.40	21.99	
6.3	30		Cum	1	23.70	7.10	6.30	6.70	0.40	63.52	
30	51.8		Cum	1	21.80	6.30	7.00	6.65	0.40	57.99	
		Lotus farms Opposite Road									
0	16.5		Cum	1	16.50	11.10	10.00	10.55	0.40	69.63	
16.5	18.2		Cum	1	1.70	8.30	7.35	7.83	0.40	5.32	
		Cross Road-2									
0	15		Cum	1	15.00	6.40	6.45	6.43	0.40	38.55	
15	36.3		Cum	1	21.30	6.45	6.40	6.43	0.40	54.74	
36.3	45		Cum	1	8.70	3.95	5.35	4.65	0.40	16.18	
45	54.4		Cum	1	9.40	5.35	5.75	5.55	0.40	20.87	
54.4	63		Cum	1	8.60	6.40	6.40	6.40	0.40	22.01	
		Anathapura Ramanashree California									
0	30		Cum	1	30.00	8.30	9.45	8.88	0.30	79.88	
30	60		Cum	1	30.00	9.45	9.65	9.55	0.30	85.95	
60	90		Cum	1	30.00	9.65	9.55	9.60	0.30	86.40	
90	120		Cum	1	30.00	9.55	8.00	8.78	0.30	78.98	
120	150		Cum	1	30.00	8.00	9.60	8.80	0.30	79.20	
150	180		Cum	1	30.00	9.60	9.55	9.58	0.30	86.18	
180	210		Cum	1	30.00	9.55	9.60	9.58	0.30	86.18	
210	240		Cum	1	30.00	9.60	9.60	9.60	0.30	86.40	
240	269.2		Cum	1	29.20	9.60	7.70	8.65	0.30	75.77	
		#19 Shri venkateshwara Nilaya									
0	15		Cum	1	15.00	4.95	4.75	4.85	0.30	21.83	

For M/s. ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

13/6/2021.

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage		Description of work	Unit	No	Length	Breadth			Depth	Quantity	Remarks
rom	To				(m)	B1	B2	Avg B	(m)		
15	30		Cum	1	15.00	4.75	5.40	5.08	0.30	22.84	
30	45		Cum	1	15.00	5.40	5.40	5.40	0.30	24.30	
45	48.2		Cum	1	3.20	5.40	5.55	5.48	0.30	5.26	
		Vinay House Road									
0	30		Cum	1	30.00	7.10	6.45	6.78	0.30	60.98	
30	60		Cum	1	30.00	6.45	6.30	6.38	0.30	57.38	
60	91.1		Cum	1	31.10	6.30	7.15	6.73	0.30	62.74	
91.1	120		Cum	1	28.90	6.00	6.90	6.45	0.30	55.92	
120	150		Cum	1	30.00	6.90	6.30	6.60	0.30	59.40	
150	180		Cum	1	30.00	6.30	7.30	6.80	0.30	61.20	
180	210		Cum	1	30.00	7.30	7.00	7.15	0.30	64.35	
210	229.9		Cum	1	19.90	7.00	6.25	6.63	0.30	39.55	
229.9	231.5		Cum	1	1.60	4.15	3.10	3.63	0.30	1.74	
		Sri Rameshwar Nilaya									
0	26.9		Cum	1	26.90	6.60	5.70	6.15	0.30	49.63	
26.9	50		Cum	1	23.10	6.65	6.70	6.68	0.30	46.26	
50	73.1		Cum	1	23.10	6.70	6.70	6.70	0.30	46.43	
73.1	74.1		Cum	1	1.00	5.65	5.60	5.63	0.30	1.69	
									Total Executed Quantity	2436.13	
									Qty Carried to Summary	2436.13	

M/s ACR PROJECTS
Proprietor
Contractor

RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

Assistant Engineer

4/6/2024

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.14		Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		9/6/2021									
		Quantity Measured in 1st RA Bill								1221.57	
		Present Bill Measurements									
		Mahalakshmi Layout									
		Raghavendra Medical Store									
0	30		Sqm	1	30.00	4.25	4.80	4.53		135.75	
30	48.7		Sqm	1	18.70	4.80	5.00	4.90		91.63	
48.7	50.6		Sqm	1	1.90	5.00	4.40	4.70		8.93	
50.6	60		Sqm	1	9.40	5.15	5.45	5.30		49.82	
60	90		Sqm	1	30.00	5.45	5.35	5.40		162.00	
90	105		Sqm	1	15.00	5.35	6.25	5.80		87.00	
		Cross Road -1									
0	18.3		Sqm	1	18.30	6.80	6.80	6.80		124.44	
		Lotus farms Road									
0	6.3		Sqm	1	6.30	9.00	8.45	8.73		54.97	
6.3	30		Sqm	1	23.70	7.10	6.30	6.70		158.79	
30	51.8		Sqm	1	21.80	6.30	7.00	6.65		144.97	
		Lotus farms Opposite Road									
0	16.5		Sqm	1	16.50	11.10	10.00	10.55		174.08	
16.5	18.2		Sqm	1	1.70	8.30	7.35	7.83		13.30	
		Cross Road-2									
0	15		Sqm	1	15.00	6.40	6.45	6.43		96.38	
15	36.3		Sqm	1	21.30	6.45	6.40	6.43		136.85	
36.3	45		Sqm	1	8.70	3.95	5.35	4.65		40.46	
45	54.4		Sqm	1	9.40	5.35	5.75	5.55		52.17	
54.4	63		Sqm	1	8.60	6.40	6.40	6.40		55.04	
		Anathapura									
		Ramanashree California									
0	30		Sqm	1	30.00	8.30	9.45	8.88		266.25	
30	60		Sqm	1	30.00	9.45	9.65	9.55		286.50	
60	90		Sqm	1	30.00	9.65	9.55	9.60		288.00	
90	120		Sqm	1	30.00	9.55	8.00	8.78		263.25	
120	150		Sqm	1	30.00	8.00	9.60	8.80		264.00	
150	180		Sqm	1	30.00	9.60	9.55	9.58		287.25	
180	210		Sqm	1	30.00	9.55	9.60	9.58		287.25	
210	240		Sqm	1	30.00	9.60	9.60	9.60		288.00	
240	269.2		Sqm	1	29.20	9.60	7.70	8.65		252.58	
		#19 Shri venkateshwara Nilaya									
0	15		Sqm	1	15.00	4.95	4.75	4.85		72.75	
15	30		Sqm	1	15.00	4.75	5.40	5.08		76.13	
30	45		Sqm	1	15.00	5.40	5.40	5.40		81.00	
45	48.2		Sqm	1	3.20	5.40	5.55	5.48		17.52	

For M/s. ACR PROJECTS

Proprietor

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

9/6/2021

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		Vinay House Road									
0	30		Sqm	1	30.00	7.10	6.45	6.78		203.25	
30	60		Sqm	1	30.00	6.45	6.30	6.38		191.25	
60	91.1		Sqm	1	31.10	6.30	7.15	6.73		209.15	
91.1	120		Sqm	1	28.90	6.00	6.90	6.45		186.41	
120	150		Sqm	1	30.00	6.90	6.30	6.60		198.00	
150	180		Sqm	1	30.00	6.30	7.30	6.80		204.00	
180	210		Sqm	1	30.00	7.30	7.00	7.15		214.50	
210	229.9		Sqm	1	19.90	7.00	6.25	6.63		131.84	
229.9	231.5		Sqm	1	1.60	4.15	3.10	3.63		5.80	
		Sri Rameshwar Nilaya									
0	26.9		Sqm	1	26.90	6.60	5.70	6.15		165.44	
26.9	50		Sqm	1	23.10	6.65	6.70	6.68		154.37	
50	73.1		Sqm	1	23.10	6.70	6.70	6.70		154.77	
73.1	74.1		Sqm	1	1.00	5.65	5.60	5.63		5.63	
									Total Executed Quantity	7562.82	
									Qty Carried to Summary	7562.82	

For M/s. PROJECTS

Proprietor

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

9/6/2021

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.15		Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work.									
Measurements taken on		10/6/2021									
		Quantity Measured in 1st RA Bill								296.82	
		Present Bill Measurements									
		Mahalakshmi Layout									
		Raghavendra Medical Store									
0	30		Cum	1	30.00	4.25	4.80	4.53	0.225	30.54	
30	48.7		Cum	1	18.70	4.80	5.00	4.90	0.225	20.62	
48.7	50.6		Cum	1	1.90	5.00	4.40	4.70	0.225	2.01	
50.6	60		Cum	1	9.40	5.15	5.45	5.30	0.225	11.21	
60	90		Cum	1	30.00	5.45	5.35	5.40	0.225	36.45	
90	105		Cum	1	15.00	5.35	6.25	5.80	0.225	19.58	
		Cross Road -1									
0	18.3		Cum	1	18.30	6.80	6.80	6.80	0.225	28.00	
		Lotus farms Road									
0	6.3		Cum	1	6.30	9.00	8.45	8.73	0.225	12.37	
6.3	30		Cum	1	23.70	7.10	6.30	6.70	0.225	35.73	
30	51.8		Cum	1	21.80	6.30	7.00	6.65	0.225	32.62	
		Lotus farms Opposite Road									
0	16.5		Cum	1	16.50	11.10	10.00	10.55	0.225	39.17	
16.5	18.2		Cum	1	1.70	8.30	7.35	7.83	0.225	2.99	
		Cross Road-2									
0	15		Cum	1	15.00	6.40	6.45	6.43	0.225	21.68	
15	36.3		Cum	1	21.30	6.45	6.40	6.43	0.225	30.79	
36.3	45		Cum	1	8.70	3.95	5.35	4.65	0.225	9.10	
45	54.4		Cum	1	9.40	5.35	5.75	5.55	0.225	11.74	
54.4	63		Cum	1	8.60	6.40	6.40	6.40	0.225	12.38	
		Anathapura									
		Ramanashree California									
0	30		Cum	1	30.00	8.30	9.45	8.88	0.20	53.25	
30	60		Cum	1	30.00	9.45	9.65	9.55	0.20	57.30	
60	90		Cum	1	30.00	9.65	9.55	9.60	0.20	57.60	
90	120		Cum	1	30.00	9.55	8.00	8.78	0.20	52.65	
120	150		Cum	1	30.00	8.00	9.60	8.80	0.20	52.80	
150	180		Cum	1	30.00	9.60	9.55	9.58	0.20	57.48	
180	210		Cum	1	30.00	9.55	9.60	9.58	0.20	57.48	
210	240		Cum	1	30.00	9.60	9.60	9.60	0.20	57.60	
240	269.2		Cum	1	29.20	9.60	7.70	8.65	0.20	50.52	
		#19 Shri venkateshwara Nilaya									
0	15		Cum	1	15.00	4.95	4.75	4.85	0.20	14.55	
15	30		Cum	1	15.00	4.75	5.40	5.08	0.20	15.23	

For M/s. A&R PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

10/6/2021

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
30	45		Cum	1	15.00	5.40	5.40	5.40	0.15	12.15	
45	48.2		Cum	1	3.20	5.40	5.55	5.48	0.15	2.63	
		Vinay House Road									
0	30		Cum	1	30.00	7.10	6.45	6.78	0.20	40.65	
30	60		Cum	1	30.00	6.45	6.30	6.38	0.20	38.25	
60	91.1		Cum	1	31.10	6.30	7.15	6.73	0.20	41.83	
91.1	120		Cum	1	28.90	6.00	6.90	6.45	0.20	37.28	
120	150		Cum	1	30.00	6.90	6.30	6.60	0.20	39.60	
150	180		Cum	1	30.00	6.30	7.30	6.80	0.20	40.80	
180	210		Cum	1	30.00	7.30	7.00	7.15	0.20	42.90	
210	229.9		Cum	1	19.90	7.00	6.25	6.63	0.20	26.37	
229.9	231.5		Cum	1	1.60	4.15	3.10	3.63	0.20	1.16	
		Sri Rameshwar Nilaya									
0	26.9		Cum	1	26.90	6.60	5.70	6.15	0.20	33.09	
26.9	50		Cum	1	23.10	6.65	6.70	6.68	0.20	30.84	
50	73.1		Cum	1	23.10	6.70	6.70	6.70	0.20	23.10	
73.1	74.1		Cum	1	1.00	5.65	5.60	5.63	0.20	0.84	
									Total Executed Quantity	1591.78	
									Qty Carried to Summary	1591.78	

For M/s. ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

11/6/2021

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.16		Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		28/06/2021									
		Quantity Measured in 1st RA Bill								280.96	
		Present Bill Measurements									
		Mahalakshmi Layout									
		Raghavendra Medical Store									
0	30		Cum	1	30.00	4.25	4.80	4.53	0.23	31.22	
30	48.7		Cum	1	18.70	4.80	5.00	4.90	0.23	21.07	
48.7	50.6		Cum	1	1.90	5.00	4.40	4.70	0.23	2.05	
50.6	60		Cum	1	9.40	5.15	5.45	5.30	0.23	11.46	
60	90		Cum	1	30.00	5.45	5.35	5.40	0.23	37.26	
90	105		Cum	1	15.00	5.35	6.25	5.80	0.23	20.01	
		Cross Road -1									
0	18.3		Cum	1	18.30	6.80	6.80	6.80	0.23	28.62	
		Lotus farms Road									
0	6.3		Cum	1	6.30	9.00	8.45	8.73	0.23	12.64	
6.3	30		Cum	1	23.70	7.10	6.30	6.70	0.23	36.52	
30	51.8		Cum	1	21.80	6.30	7.00	6.65	0.23	33.34	
		Lotus farms Opposite Road									
0	16.5		Cum	1	16.50	11.10	10.00	10.55	0.25	40.04	
16.5	18.2		Cum	1	1.70	8.30	7.35	7.83	0.23	3.06	
		Cross Road-2									
0	15		Cum	1	15.00	6.40	6.45	6.43	0.23	22.17	
15	36.3		Cum	1	21.30	6.45	6.40	6.43	0.23	31.48	
36.3	45		Cum	1	8.70	3.95	5.35	4.65	0.23	9.30	
45	54.4		Cum	1	9.40	5.35	5.75	5.55	0.23	12.00	
54.4	63		Cum	1	8.60	6.40	6.40	6.40	0.23	12.66	
		Anathapura									
		Ramanashree California									
0	30		Cum	1	30.00	8.30	9.45	8.88	0.23	61.24	
30	60		Cum	1	30.00	9.45	9.65	9.55	0.23	65.90	
60	90		Cum	1	30.00	9.65	9.55	9.60	0.23	66.24	
90	120		Cum	1	30.00	9.55	8.00	8.78	0.23	60.55	
120	150		Cum	1	30.00	8.00	9.60	8.80	0.23	60.72	
150	180		Cum	1	30.00	9.60	9.55	9.58	0.23	66.07	
180	210		Cum	1	30.00	9.55	9.60	9.58	0.25	66.07	
210	240		Cum	1	30.00	9.60	9.60	9.60	0.23	66.24	
240	269.2		Cum	1	29.20	9.60	7.70	8.65	0.23	58.09	
		#19 Shri venkateshwara Nilaya									
0	15		Cum	1	15.00	4.95	4.75	4.85	0.23	16.73	

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka Division

For M/s. ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

28/6/2021

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
15	30		Cum	1	15.00	4.75	5.40	5.08	0.23	17.51	
30	45		Cum	1	15.00	5.40	5.40	5.40	0.23	18.63	
45	48.2		Cum	1	3.20	5.40	5.55	5.48	0.23	4.03	
		Vinay House Road									
0	30		Cum	1	30.00	7.10	6.45	6.78	0.23	46.75	
30	60		Cum	1	30.00	6.45	6.30	6.38	0.23	43.99	
60	91.1		Cum	1	31.10	6.30	7.15	6.73	0.23	48.10	
91.1	120		Cum	1	28.90	6.00	6.90	6.45	0.23	42.87	
120	150		Cum	1	30.00	6.90	6.30	6.60	0.23	45.54	
150	180		Cum	1	30.00	6.30	7.30	6.80	0.23	46.92	
180	210		Cum	1	30.00	7.30	7.00	7.15	0.23	49.34	
210	229.9		Cum	1	19.90	7.00	6.25	6.63	0.23	30.32	
229.9	231.5		Cum	1	1.60	4.15	3.10	3.63	0.23	1.33	
		Sri Rameshwar Nilaya									
0	26.9		Cum	1	26.90	6.60	5.70	6.15	0.23	38.05	
26.9	50		Cum	1	23.10	6.65	6.70	6.68	0.23	35.48	
50	73.1		Cum	1	23.10	6.70	6.70	6.70	0.23	35.60	
73.1	74.1		Cum	1	1.00	5.65	5.60	5.63	0.23	1.29	
									Total Executed Quantity		1739.45
									Qty Carried to Summary		1739.45

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka Division

For M/s. ACR PROJECTS

Proprietor

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

29/6/2021

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.17		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		24/7/2021									
		Quantity Measured in 1st RA Bill									
		Present Bill Measurements								1221.57	
		Mahalakshmi Layout									
		Raghavendra Medical Store									
0	30		Sqm	1	30.00	4.25	4.80	4.53		135.75	
30	48.7		Sqm	1	18.70	4.80	5.00	4.90		91.63	
48.7	50.6		Sqm	1	1.90	5.00	4.40	4.70		8.93	
50.6	60		Sqm	1	9.40	5.15	5.45	5.30		49.82	
60	90		Sqm	1	30.00	5.45	5.35	5.40		162.00	
90	105		Sqm	1	15.00	5.35	6.25	5.80		87.00	
		Cross Road -1									
0	18.3		Sqm	1	18.30	6.80	6.80	6.80		124.44	
		Lotus farms Road									
0	6.3		Sqm	1	6.30	9.00	8.45	8.73		54.97	
6.3	30		Sqm	1	23.70	7.10	6.30	6.70		158.79	
30	51.8		Sqm	1	21.80	6.30	7.00	6.65		144.97	
		Lotus farms Opposite Road									
0	16.5		Sqm	1	16.50	11.10	10.00	10.55		174.08	
16.5	18.2		Sqm	1	1.70	8.30	7.35	7.83		13.30	
		Cross Road-2									
0	15		Sqm	1	15.00	6.40	6.45	6.43		96.38	
15	36.3		Sqm	1	21.30	6.45	6.40	6.43		136.85	
36.3	45		Sqm	1	8.70	3.95	5.35	4.65		40.46	
45	54.4		Sqm	1	9.40	5.35	5.75	5.55		52.17	
54.4	63		Sqm	1	8.60	6.40	6.40	6.40		55.04	
		Anathapura									
		Ramanashree California									
0	30		Sqm	1	30.00	7.70	8.85	8.28		248.55	
30	60		Sqm	1	30.00	8.85	9.05	8.95		268.50	
60	90		Sqm	1	30.00	9.05	8.95	9.00		270.00	
90	120		Sqm	1	30.00	8.95	7.40	8.18		245.25	
120	150		Sqm	1	30.00	7.40	9.00	8.20		246.00	
150	180		Sqm	1	30.00	9.00	8.95	8.98		269.25	
180	210		Sqm	1	30.00	8.95	9.00	8.98		269.25	
210	240		Sqm	1	30.00	9.00	9.00	9.00		270.00	
240	269.2		Sqm	1	29.20	9.00	7.10	8.05		235.06	
		#19 Shri venkateshwara Nilaya									
0	15		Sqm	1	15.00	4.95	4.75	4.85		72.75	
15	30		Sqm	1	15.00	4.75	5.40	5.08		76.13	
30	45		Sqm	1	15.00	5.40	5.40	5.40		81.00	

For M/s. ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

24/7/2021

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
45	48.2		Sqm	1	3.20	5.40	5.55	5.48		17.52	
		Vinay House Road									
0	30		Sqm	1	30.00	7.10	6.45	6.78		203.25	
30	60		Sqm	1	30.00	6.45	6.30	6.38		191.25	
60	91.1		Sqm	1	31.10	6.30	7.15	6.73		209.15	
91.1	120		Sqm	1	28.90	6.00	6.90	6.45		186.41	
120	150		Sqm	1	30.00	6.90	6.30	6.60		198.00	
150	180		Sqm	1	30.00	6.30	7.30	6.80		204.00	
180	210		Sqm	1	30.00	7.30	7.00	7.15		214.50	
210	229.9		Sqm	1	19.90	7.00	6.25	6.63		131.84	
229.9	231.5		Sqm	1	1.60	4.15	3.10	3.63		5.80	
		Sri Rameshwar Nilaya									
0	26.9		Sqm	1	26.90	6.60	5.70	6.15		154.19	
26.9	50		Sqm	1	23.10	6.65	6.70	6.68		154.77	
50	73.1		Sqm	1	23.10	6.70	6.70	6.70		5.63	
73.1	74.1		Sqm	1	1.00	5.65	5.60	5.63			
									Total Executed Quantity	7401.30	
									Qty Carried to Summary	7401.30	

For M/s. ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

24/7/2024

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.18		Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		26/7/2021									
		Quantity Measured in 1st RA Bill									
		Present Bill Measurements								61.08	
		Mahalakshmi Layout									
		Raghavendra Medical Store									
0	30		Cum	1	30.00	4.25	4.80	4.53	0.05	6.79	
30	48.7		Cum	1	18.70	4.80	5.00	4.90	0.05	4.58	
48.7	50.6		Cum	1	1.90	5.00	4.40	4.70	0.05	0.45	
50.6	60		Cum	1	9.40	5.15	5.45	5.30	0.05	2.49	
60	90		Cum	1	30.00	5.45	5.35	5.40	0.05	8.10	
90	105		Cum	1	15.00	5.35	6.25	5.80	0.05	4.35	
		Cross Road -1									
0	18.3		Cum	1	18.30	6.80	6.80	6.80	0.05	6.22	
		Lotus farms Road									
0	6.3		Cum	1	6.30	9.00	8.45	8.73	0.05	2.78	
6.3	30		Cum	1	23.70	7.10	6.30	6.70	0.05	7.93	
30	51.8		Cum	1	21.80	6.30	7.00	6.65	0.05	7.25	
		Lotus farms Opposite Road									
0	16.5		Cum	1	16.50	11.10	10.00	10.55	0.05	8.76	
16.5	18.2		Cum	1	1.70	8.30	7.35	7.83	0.05	0.67	
		Cross Road-2									
0	15		Cum	1	15.00	6.40	6.45	6.43	0.08	4.82	
15	36.3		Cum	1	21.30	6.45	6.40	6.43	0.05	6.84	
36.3	45		Cum	1	8.70	3.95	5.35	4.65	0.05	2.02	
45	54.4		Cum	1	9.40	5.35	5.75	5.55	0.05	2.61	
54.4	63		Cum	1	8.60	6.40	6.40	6.40	0.05	2.35	
		Anathapura									
		Ramanashree California									
0	30		Cum	1	30.00	7.70	8.85	8.28	0.05	12.41	
30	60		Cum	1	30.00	8.85	9.05	8.95	0.05	13.43	
60	90		Cum	1	30.00	9.05	8.95	9.00	0.05	13.50	
90	120		Cum	1	30.00	8.95	7.40	8.18	0.05	12.26	
120	150		Cum	1	30.00	7.40	9.00	8.20	0.05	12.30	
150	180		Cum	1	30.00	9.00	8.95	8.98	0.05	13.46	
180	210		Cum	1	30.00	8.95	9.00	8.98	0.05	13.46	
210	240		Cum	1	30.00	9.00	9.00	9.00	0.05	13.50	
240	269.2		Cum	1	29.20	9.00	7.10	8.05	0.05	11.75	
		#19 Shri venkateshwara Nilaya									
0	15		Cum	1	15.00	4.95	4.75	4.85	0.05	3.64	
15	30		Cum	1	15.00	4.75	5.40	5.08	0.05	3.81	

For M/s. ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

26/7/2021

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
30	45		Cum	1	15.00	5.40	5.40	5.40	0.05	4.05	
45	48.2		Cum	1	3.20	5.40	5.55	5.48	0.05	0.88	
		Vinay House Road									
0	30		Cum	1	30.00	7.10	6.45	6.78	0.05	10.16	
30	60		Cum	1	30.00	6.45	6.30	6.38	0.05	9.56	
60	91.1		Cum	1	31.10	6.30	7.15	6.75	0.05	10.46	
91.1	120		Cum	1	28.90	6.00	6.90	6.45	0.05	9.32	
120	150		Cum	1	30.00	6.90	6.30	6.60	0.05	9.90	
150	180		Cum	1	30.00	6.30	7.30	6.80	0.05	10.20	
180	210		Cum	1	30.00	7.30	7.00	7.15	0.05	10.73	
210	229.9		Cum	1	19.90	7.00	6.25	6.63	0.05	6.59	
229.9	231.5		Cum	1	1.60	4.15	3.10	3.63	0.05	0.29	
		Sri Rameshwar Nilaya									
0	26.9		Cum	1	26.90	6.60	5.70	6.15	0.05	8.27	
26.9	50		Cum	1	23.10	6.65	6.70	6.68	0.05	7.71	
50	73.1		Cum	1	23.10	6.70	6.70	6.70	0.05	7.73	
73.1	74.1		Cum	1	1.00	5.65	5.60	5.63	0.05	0.28	
									Total Executed Quantity	370.07	
									Qty Carried to Summary	370.07	

For M/s. ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

26/7/2021

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.19		Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		7/08/2021									
		Quantity Measured in 1st RA Bill									
		Present Bill Measurements								1221.57	
		Mahalakshmi Layout									
		Raghavendra Medical Store									
0	30		Sqm	1	30.00	4.25	4.80	4.53		135.75	
30	48.7		Sqm	1	18.70	4.80	5.00	4.90		91.63	
48.7	50.6		Sqm	1	1.90	5.00	4.40	4.70		8.93	
50.6	60		Sqm	1	9.40	5.15	5.45	5.30		49.82	
60	90		Sqm	1	30.00	5.45	5.35	5.40		162.00	
90	105		Sqm	1	15.00	5.35	6.25	5.80		87.00	
		Cross Road -1									
0	18.3		Sqm	1	18.30	6.80	6.80	6.80		124.44	
		Lotus farms Road									
0	6.3		Sqm	1	6.30	9.00	8.45	8.73		54.97	
6.3	30		Sqm	1	23.70	7.10	6.30	6.70		158.79	
30	51.8		Sqm	1	21.80	6.30	7.00	6.65		144.97	
		Lotus farms Opposite Road									
0	16.5		Sqm	1	16.50	11.10	10.00	10.55		174.08	
16.5	18.2		Sqm	1	1.70	8.30	7.35	7.83		13.30	
		Cross Road-2									
0	15		Sqm	1	15.00	6.40	6.45	6.43		96.38	
15	36.3		Sqm	1	21.30	6.45	6.40	6.43		136.85	
36.3	45		Sqm	1	8.70	3.95	5.35	4.65		40.46	
45	54.4		Sqm	1	9.40	5.35	5.75	5.55		52.17	
54.4	63		Sqm	1	8.60	6.40	6.40	6.40		55.04	
		Anathapura									
		Ramanashree California									
0	30		Sqm	1	30.00	7.70	8.85	8.28		248.25	
30	60		Sqm	1	30.00	8.85	9.05	8.95		268.50	
60	90		Sqm	1	30.00	9.05	8.95	9.00		270.00	
90	120		Sqm	1	30.00	8.95	7.40	8.18		245.25	
120	150		Sqm	1	30.00	7.40	9.00	8.20		246.00	
150	180		Sqm	1	30.00	9.00	8.95	8.98		269.25	
180	210		Sqm	1	30.00	8.95	9.00	8.98		269.25	
210	240		Sqm	1	30.00	9.00	9.00	9.00		270.00	
240	269.2		Sqm	1	29.20	9.00	7.10	8.05		235.06	
		#19 Shri venkateshwara Nilaya									
0	15		Sqm	1	15.00	4.95	4.75	4.85		72.75	
15	30		Sqm	1	15.00	4.75	5.40	5.08		76.12	
30	45		Sqm	1	15.00	5.40	5.40	5.40		81.00	

For M/s. ~~AGR~~ PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

7/8/2021 Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
45	48.2		Sqm	1	3.20	5.40	5.55	5.48		17.52	
		Vinay House Road									
0	30		Sqm	1	30.00	7.10	6.45	6.78		203.25	
30	60		Sqm	1	30.00	6.45	6.30	6.38		191.25	
60	91.1		Sqm	1	31.10	6.30	7.15	6.73		209.15	
91.1	120		Sqm	1	28.90	6.00	6.90	6.45		186.41	
120	150		Sqm	1	30.00	6.90	6.30	6.60		198.00	
150	180		Sqm	1	30.00	6.30	7.30	6.80		204.00	
180	210		Sqm	1	30.00	7.30	7.00	7.15		214.50	
210	229.9		Sqm	1	19.90	7.00	6.25	6.63		131.84	
229.9	231.5		Sqm	1	1.60	4.15	3.10	3.63		5.80	
		Sri Rameshwar Nilaya									
0	26.9		Sqm	1	26.90	6.60	5.70	6.15		165.47	
26.9	50		Sqm	1	23.10	6.65	6.70	6.68		154.19	
50	73.1		Sqm	1	23.10	6.70	6.70	6.70		154.77	
73.1	74.1		Sqm	1	1.00	5.65	5.60	5.63		5.63	
									Total Executed Quantity	7401.30	
									Qty Carried to Summary	7401.30	

For M/s ACR PROJECTS

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.22		Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. complete, all as per specification and direction of the Engineer-in-Charge including the cost and conveyance of all materials, cost of labour for all items of work, equipment and other incidental charges for the successful completion of the work. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		30-06-21									
		Present Bill Measuement									
		Footing									
		Isolated Footing									
		C1	Cum	2	5.00			5.00	2.00	100.00	
		C1'	Cum	1	5.70			3.70	2.00	42.18	
		C3	Cum	2	3.40			3.40	2.00	46.24	
		C3'	Cum	2	5.00			2.40	2.00	48.00	
		C4	Cum	2	3.00			3.00	2.00	36.00	
		C4'	Cum	1	3.40			2.60	2.00	17.68	
		C5	Cum	3	2.50			2.50	2.00	37.50	
		Combined Footing									
		CF1	Cum	1	5.14			2.00	2.00	20.56	
		CF2	Cum	1	8.57			3.00	2.00	51.40	
		SSM Footing									
		Along Long Direction									
		Along 1-1	Cum	1	8.38			0.78	0.70	4.38	
		Along 2-2	Cum	1	8.00			0.75	0.70	4.20	
		Along 3-3	Cum	1	1.71			0.75	0.70	0.90	
		Along 4-4	Cum	1	1.20			0.75	0.70	0.63	
		Along 5-5	Cum	1	0.85			0.75	0.70	0.45	
		Along Short Direction									
		Along A-A	Cum	1	1.65			0.75	0.70	0.87	
		Along B-B	Cum	1	1.70			0.75	0.70	0.89	
		Along C-C	Cum	1	0.35			0.75	0.70	0.18	
		Along D-D	Cum	1	2.15			0.75	0.70	1.13	
		Along E-E	Cum	1	2.37			0.75	0.70	1.24	
		Along G-G	Cum	1	11.60			0.78	0.70	6.09	
		Along F-F	Cum	1	4.04			0.75	0.70	2.12	
		Along H-H	Cum	1	0.84			0.75	0.70	0.44	
									Total Executed Quantity	423.08	
									Qty Carried to Summary	423.08	2754.49

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. ACR PROJECTS

Contractor

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

30/6/21

Assistant Engineer

AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Assistant Executive Engineer
Yelahanka, Bangalore

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.25		Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		04/07/2021									
		Present Bill Measuement									
		Footing									
		Isolated Footing									
		C1	Cum	2	5.00			5.00	0.15	7.50	
		C1'	Cum	1	5.70			3.70	0.15	3.16	
		C3	Cum	2	3.40			3.40	0.15	3.47	
		C3'	Cum	2	5.00			2.40	0.15	3.60	
		C4	Cum	2	3.00			3.00	0.15	2.70	
		C4'	Cum	1	3.40			2.60	0.15	1.33	
		C5	Cum	3	2.50			2.50	0.15	2.81	
		Combined Footing									
		CF1	Cum	1	5.14			2.00	0.15	1.54	
		CF2	Cum	1	8.57			3.00	0.15	3.86	
		SSM Footing									
		Along Long Direction									
		Along 1-1	Cum	1	20.35			0.75	0.15	2.29	
		Along 2-2	Cum	1	19.75			0.75	0.15	2.22	
		Along 3-3	Cum	1	5.78			0.75	0.15	0.65	
		Along 4-4	Cum	1	4.80			0.75	0.15	0.54	
		Along 5-5	Cum	1	4.80			0.75	0.15	0.54	
		Along Short Direction									
		Along A-A	Cum	1	4.35			0.75	0.15	0.49	
		Along B-B	Cum	1	4.20			0.75	0.15	0.47	
		Along C-C	Cum	1	4.35			0.75	0.15	0.49	
		Along D-D	Cum	1	4.50			0.75	0.15	0.51	
		Along E-E	Cum	1	4.42			0.75	0.15	0.50	
		Along G-G	Cum	1	13.7			0.75	0.15	1.54	
		Along F-F	Cum	1	13.4			0.75	0.15	1.51	
		Along H-H	Cum	1	2.64			0.75	0.15	0.30	
		Along C b/w 2 & 3	Cum	1	1.72			0.75	0.15	0.19	
									Total Executed Quantity	42.20	
									Qty Carried to Summary	42.20	2754.49

For M/s. ACR PROJECTS

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Bangalore

Yelahanka Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.26		Providing and laying in position plain cement concrete of mix 1:2:4 using 20mm and downsize clean hard graded jelly of selected quality and clean sieved approved sand for Plinth course, String or Lacing courses, Copings, Sills, Bed Blocks, Anchor Blocks etc. including machine mixing, finishing with necessary formwork, laying, curing etc. complete, cost and conveyance of all materials, labour, HOM of machinery and all other incidental charges and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		09/07/21									
		Present Bill Measuement									
		SSM Footing									
		Along Long Direction									
		Along 1-1	Cum	1	20.35			0.60	0.15	1.83	
		Along 2-2	Cum	1	19.75			0.60	0.15	1.78	
		Along 3-3	Cum	1	5.78			0.60	0.15	0.52	
		Along 4-4	Cum	1	4.80			0.60	0.15	0.43	
		Along 5-5	Cum	1	4.80			0.60	0.15	0.43	
		Along Short Direction									
		Along A-A	Cum	1	4.35			0.60	0.15	0.39	
		Along B-B	Cum	1	4.20			0.60	0.15	0.38	
		Along C-C	Cum	1	4.35			0.60	0.15	0.39	
		Along D-D	Cum	1	4.50			0.60	0.15	0.40	
		Along E-E	Cum	1	4.42			0.60	0.15	0.40	
		Along G-G	Cum	1	13.70			0.60	0.15	1.23	
		Along F-F	Cum	1	13.40			0.60	0.15	1.21	
		Along H-H	Cum	1	2.64			0.60	0.15	0.24	
		Along C bet 2 & 3	Cum	1	1.72			0.60	0.15	0.15	
		Plinth area	Cum	1	17.31			6.15	0.15	15.97	
			Cum	1	13.80			6.15	0.15	12.75	
			Cum	1	8.20			2.44	0.15	3.00	
									Total Executed Quantity	41.49	
									Qty Carried to Summary	41.49	2754.49

For M/s ACR PROJECTS

Proprietor

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

9/7/21

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yak. Zn.)
Yelahanka, Bangalore

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.28		Providing and removing centering, shuttering. strutting, proping etc. and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		08/07/2021									
		Present Bill Measuement									
		Footing									
		Isolated Footing									
		C1	Sqm	2	20.00				1.00	40.00	
		C1'	Sqm	1	18.80				0.95	17.86	
		C3	Sqm	2	13.60				0.80	21.76	
		C3'	Sqm	2	14.80				0.80	23.68	
		C4	Sqm	2	12.00				0.70	16.80	
		C4'	Sqm	1	12.00				0.70	8.40	
		C5	Sqm	3	10.00				0.55	16.50	
		Combined Footing									
		CF1	Sqm	1	14.28				0.45	6.42	
		Beam	Sqm	2	5.14				0.45	4.63	
		CF2	Sqm	1	23.13				0.55	12.72	
		Beam	Sqm	2	8.57				0.80	13.71	
									Total Executed Quantity	182.48	
									Qty Carried to Summary	182.48	2754.49

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. ACR PROJECTS

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.29		Providing and removing centering, shuttering, strutting, proping etc. and removal of form work for columns, pillars, piers, abutments, posts and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications, and as per the directions of the Engineer-in-charge of the work.									
Measurements taken on		23/07/2021									
		Present Bill Measuement									
		Column upto Plinth Beam bottom									
		C1	Sqm	2	2.1				0.80	3.36	
		C1'	Sqm	1	2.1				0.85	1.79	
		C2	Sqm	1	1.8				0.45	0.81	
		C3	Sqm	2	1.8				1.00	3.60	
		C3	Sqm	1	1.8				0.45	0.81	
		C3'	Sqm	2	1.8				1.00	3.60	
		C4	Sqm	2	1.5				1.10	3.30	
		C4	Sqm	1	1.5				0.90	1.35	
		C4'	Sqm	1	1.5				1.10	1.65	
		C5	Sqm	3	1.5				1.25	5.63	
		C5	Sqm	1	1.5				0.95	1.43	
		Ground Floor									
		Column Upto beam bottom									
		C1	Sqm	2	2.1				3.00	7.10	
		C1'	Sqm	1	2.1				3.00	6.10	
		C2	Sqm	1	1.8				3.00	5.80	
		C3	Sqm	2	1.8				3.00	6.80	
		C3 C2 FC	Sqm	1	1.8				3.00	5.80	
		C3'	Sqm	2	1.8				3.00	6.80	
		C4	Sqm	1	1.5				3.15	5.67	
		C4	Sqm	1	1.5				3.00	5.50	
		C4'	Sqm	1	1.5				3.00	5.50	
		C5	Sqm	3	1.5				3.00	7.50	
		C5	Sqm	1	1.5				3.00	5.50	
									Total Executed Quantity	95.37	
									Qty Carried to Summary	95.37	2754.49
Measurements taken on		**First Floor**									
		Column Upto beam bottom									
		C1	Sqm	2	2.1				3.00	12.60	
		C1'	Sqm	1	2.1				3.00	6.30	
		C2	Sqm	1	1.8				3.00	5.40	
		C3	Sqm	2	1.8				3.00	10.80	
		C3 C2 FC	Sqm	1	1.8				3.00	5.40	
		C3'	Sqm	2	1.8				3.00	10.80	
		C4	Sqm	1	1.5				3.15	4.73	
		C4	Sqm	1	1.5				3.00	4.50	
		C4'	Sqm	1	1.5				3.00	4.50	
		C5	Sqm	3	1.5				3.00	13.50	
		C5	Sqm	1	1.5				3.00	4.50	
									Total Executed Quantity	83.03	
									Qty Carried to Summary	83.03	2754.49

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn.)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn.)
Yelahanka, Bangalore

For M/s ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

23/07/21
AE-02

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No 30		Providing and removing centering, shuttering. Strutting, proping etc. and removal of form work for sides & soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1.0m in depth including cost of all materials, labour complete as per specifications. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		17/08/2021									
		Present Bill Measuement									
		Ground Floor									
		Beams									
		B1(300X600) along E	Sqm	2	8.41				0.45	7.57	
		B1(300X600) along D	Sqm	2	7.58				0.45	6.82	
		B2(300X600) along A & B	Sqm	4	7.00				0.45	12.60	
		B3(300X600) along 1	Sqm	2	14.00				0.45	12.60	
		B3(300X600) along G and F	Sqm	6	14.60				0.45	39.42	
		B4(300X450)	Sqm	2	13.70				0.3	8.22	
		B5(300X600) along 2	Sqm	2	20.32				0.45	18.29	
		B6(300X600) along 3	Sqm	2	6.38				0.45	5.74	
		B7(300X600) along 4	Sqm	4	6.10				0.45	10.98	
		B8(300X600) along C	Sqm	2	6.54				0.45	5.89	
		B9(300X600) along 1	Sqm	2	3.55				0.30	2.13	
		Lintel Beam									
		Along long direction	Sqm	4	13.50				0.20	10.80	
		Along Short direction	Sqm	4	13.40				0.20	10.72	
									Total Executed Quantity	151.78	
									Qty Carried to Summary	151.78	2754.49
		First Floor									
Measurements taken on		24-09-21									
		B1(300X600) along E	Sqm	2	8.41				0.45	7.57	
		B1(300X600) along D	Sqm	2	7.58				0.45	6.82	
		B2(300X600) along A & B	Sqm	4	7.00				0.45	12.60	
		B3(300X600) along 1	Sqm	2	14.00				0.45	12.60	
		B3(300X600) along G and F	Sqm	6	14.60				0.45	39.42	
		B4(300X450)	Sqm	2	13.70				0.30	8.22	
		B5(300X600) along 2	Sqm	2	20.32				0.45	18.29	
		B6(300X600) along 3	Sqm	2	6.38				0.45	5.74	
		B7(300X600) along 4	Sqm	4	6.10				0.45	10.98	
		B8(300X600) along C	Sqm	2	6.54				0.45	5.89	
		B9(300X450) along 1	Sqm	2	3.55				0.30	2.13	
		B9(300X450) along 1	Sqm	2	3.10				0.30	1.86	
		Lintel Beam									
		Along long direction	Sqm	4	13.50				0.20	10.80	
		Along Short direction	Sqm	4	13.40				0.20	10.72	
									Total Executed Quantity	153.64	
									Qty Carried to Summary	153.64	2754.49

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

17/8/21
AE-02
Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.31		Providing and removing centering, shuttering. Strutting, proping etc. and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		17/08/2021									
		Present Bill Measuement									
		Ground Floor									
		Slab									
		b/w A & C	Sqm	1	14.60			7.00		102.20	
		b/w 3 & 5'	Sqm	1	14.60			7.00		102.20	
		b/w 1 & 2	Sqm	1	5.40			4.15		22.39	
		b/w 2 & 3	Sqm	1	7.55			2.48		18.72	
									Total Executed Quantity	245.51	
									Qty Carried to Summary	245.51	2754.49
		First Floor									
Measurements taken on		24-09-21									
		b/w A & C	Sqm	1	14.60			7.00		102.20	
		b/w 3 & 5'	Sqm	1	14.60			7.00		102.20	
		b/w 1 & 2	Sqm	1	5.40			4.15		22.39	
		b/w 2 & 3	Sqm	1	7.55			2.48		18.72	
									Total Executed Quantity	245.51	
									Qty Carried to Summary	245.51	2754.49

A.E.E

A.E.E

17/8/21 AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.32		Providing and removing centering, shuttering, strutting, proping etc. and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		17/08/2021									
		Present Bill Measuement									
		Ground Floor									
		Waist Slab for Flight 1	Sqm	1	3.76						
		Waist slab(Flight 1)sides	Sqm	2	3.76			1.50		5.64	
		Waist Slab for Flight 2	Sqm	1	3.76				0.15	1.13	
		Waist slab(Flight 2)sides	Sqm	2	3.76			1.5		5.64	
		Riser	Sqm	24	1.5				0.15	1.15	
		Landing	Sqm	1	3.10				0.15	5.40	
		Landing sides	Sqm	1	3.10			1.30		4.03	
		SB1	Sqm	2	3.10				0.15	0.47	
									0.30	1.86	
									Total Executed Quantity	25.29	
									Qty Carried to Summary	25.29	2754.49
		First Floor									
Measurements taken on		24.09.21									
		Waist Slab for Flight 1	Sqm	1	3.76			1.5		5.64	
		Waist slab(Flight 1)sides	Sqm	2	3.76				0.15	1.13	
		Waist Slab for Flight 2	Sqm	1	3.76			1.5		5.64	
		Waist slab(Flight 2)sides	Sqm	2	3.76				0.15	1.13	
		Riser	Sqm	24	1.50				0.15	5.40	
		Landing	Sqm	1	3.10			1.30		4.03	
		Landing sides	Sqm	1	3.10				0.15	0.47	
		SB1	Sqm	2	3.10				0.30	1.86	
									Total Executed Quantity	25.29	
									Qty Carried to Summary	25.29	2754.49

A.E.E

17/8/21 AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.27		Providing and laying in position reinforced cement concrete of design mix M20, with 20mm and down size graded granite metal coarse aggregates and fine aggregtes, with superplastisiser confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached pilasters,columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window Sills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		12/07/2021									
		Present Bill Measuement									
		Footing									
		Isolated Footing									
		C1	Cum	2	5.00			5.00	1.00	50.00	
		C1'	Cum	1	5.70			3.70	0.95	20.04	
		C3	Cum	2	3.40			3.40	0.8	18.50	
		C3'	Cum	2	5.00			2.40	0.8	19.20	
		C4	Cum	2	3.00			3.00	0.7	12.60	
		C4'	Cum	1	3.40			2.60	0.7	6.18	
		C5	Cum	3	2.50			2.50	0.55	10.31	
		Combined Footing									
		CF1	Cum	1	5.14			2.00	0.45	4.63	
		Beam	Cum	1	5.14			0.45	0.45	1.04	
		CF2	Cum	1	8.57			3.00	0.55	14.13	
		Beam	Cum	1	8.57			0.75	0.80	5.14	
									Total Executed Quantity	161.77	
									Qty Carried to Summary	161.77	2754.49
		For Columns, with RCC 1:1:2 mix concrete									
Measurements taken on		17-07-21, 24-07-21									
		Plinth Beam									
		PB1	Cum	6	7.45			0.20	0.45	4.02	
		PB1	Cum	2	7.08			0.20	0.45	1.27	
		PB2	Cum	2	3.10			0.20	0.45	0.56	
		PB2	Cum	2	4.15			0.20	0.45	0.75	
		PB2	Cum	5	5.00			0.20	0.45	2.25	
		PB2	Cum	1	3.01			0.20	0.45	0.27	
		PB2	Cum	1	1.72			0.20	0.45	0.15	
		PB2	Cum	3	5.00			0.20	0.45	1.35	
		PB2	Cum	1	1.65			0.20	0.45	0.15	
		Column upto Plinth Beam bottom									
		C1	Cum	2	0.60			0.45	0.80	0.43	
		C1'	Cum	1	0.60			0.45	0.85	0.23	
		C2	Cum	1	0.60			0.30	0.45	0.08	
		C3	Cum	2	0.60			0.30	1.00	0.36	
		C3	Cum	1	0.60			0.30	0.45	0.08	
		C3'	Cum	2	0.60			0.30	1.00	0.36	
		C4	Cum	2	0.45			0.30	1.10	0.30	
		C4	Cum	1	0.45			0.30	0.90	0.12	
		C4'	Cum	1	0.45			0.30	1.10	0.15	
		C5	Cum	3	0.45			0.30	1.25	0.51	
		C5	Cum	1	0.45			0.30	0.95	0.13	
									Total Executed Quantity	13.52	
									Qty Carried to Summary	13.52	2754.49

For M/s. ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

12/7/21

Assistant Engineer

AE-02

Asst. Executive Engineer
Yelahanka Sub Divison
Assistant Executive Engineer
Yelahanka, Bangalore

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No. 33		Providing and fabricating Mild steel / High Yield Stength cold twisted Deformed steel bars conforming to IS:1786-1961 (Tor steel) including straightening, cutting, bending, hooking, lapping and / or welding wherever required, placing in position, ticing with binding wire of approved quality and guage including the cost of binding wire and anchoring to the adjoining members wherever necessary including all laps and wastages, cost of conveyance of high yield stength cold twisted deformed bars and binding wire etc. complete as per design, specification and directions of the Engineer-in-charge of the work including cost & conveyance of all materials & other incidental charges, cost of labour for all items of work, HOM of machinery, lead & lift, loading & unloading etc. complete.(laps, hooks and wastages shall not to be measured and paid). and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		10-07-21, 16-07-21, 23-07-21, 16-05-21, 17-08-21, 09-09-21, 23-09-21, 21-09-21, 20-09-21, 25-09-21									
		Present Bill Measuement									
		Isolated Footing									
		Combined Footing							from Steel Calculation	6.32	
		Plinth Beam							from Steel Calculation	5.24	
		Column							from Steel Calculation	2.57	
		Stair Case							from Steel Calculation	3.58	
		Beam							from Steel Calculation	0.50	
		Roof Slab							from Steel Calculation	5.57	
		Lintel Beam							from Steel Calculation	2.46	
		Chajja							from Steel Calculation	0.31	
									from Steel Calculation	0.06	
									Sub Total	26.58	
		First Floor									
		Column							from Steel Calculation	1.96	
		Stair Case							from Steel Calculation	0.50	
		Beam							from Steel Calculation	5.63	
		Roof Slab							from Steel Calculation	2.46	
		Lintel Beam							from Steel Calculation	0.31	
		Chajja							from Steel Calculation	0.06	
									Sub Total	10.92	
									Total Executed Quantity	37.51	
									Qty Carried to Summary	37.51	2754.49

25/09/21
AE-32

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. ACR PROJECT

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

PREMEASUREMENT SHEET

Second And Final Bill

Chainage	Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
	Along short direction		mm			m	m	m	m	kg/m	Kg's
	Top Bars	1	10	2	2	13.80	0.00	13.80	27.60	0.62	17.02
	Bottom Bars	1	12	2	2	13.40	0.00	13.40	26.80	0.89	23.79
	2LGD 8# stirrups @150C/C	1	8	113	113	0.80	0.00	0.80	90.13	0.39	35.57
	Top Bars	1	10	2	2	13.80	0.00	13.80	27.60	0.62	17.02
	Bottom Bars	1	12	2	2	13.40	0.00	13.40	26.80	0.89	23.79
	2LGD 8# stirrups @150C/C	1	8	113	113	0.80	0.00	0.80	90.13	0.39	35.57
	First Floor Chajja										
		8								Sub Total	309.86
	Main bars 8# @130 c/c at top		8	13	100	1.00	0.00	1.00	100.31	0.39	39.58
	Distribution bars 8# @250 c/c		8	5	41	1.50	0.00	1.50	62.00	0.39	24.46
										Sub Total	64.04
										Total Steel Quantity in Kg	37506.18
										Total Steel Quantity in tonne	37.51

25/9/2024
AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. SIDDAPRASAD CONSULTANTS, BANGALORE

CONTRACTOR PMC

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
E1		Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specifications and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		02/07/21									
		Present Bill Measuement									
		Footing									
		Isolated Footing									
		C1	Cum	2	5			5.00	0.15	7.50	
		C1'	Cum	1	5.2			3.70	0.15	3.16	
		C3	Cum	2	3.4			3.40	0.15	3.47	
		C3'	Cum	2	5			2.40	0.15	3.60	
		C4	Cum	2	3			3.00	0.15	2.70	
		C4'	Cum	1	3.4			2.60	0.15	1.33	
		C5	Cum	3	2.5			2.50	0.15	2.81	
		Combined Footing									
		CF1	Cum	1	5.14			2.00	0.15	1.54	
		CF2	Cum	1	8.57			3.00	0.15	3.85	
									Total Executed Quantity	29.97	
									Qty Carried to Summary	29.97	2754.49

02/7/21
AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
E2		Construction of Embankment with Material Gravel/ Murrum Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		20/07/2021									
		Embankment									
		Along long direction	Cum	1	14			5.97	0.45	37.6	
			Cum	1	7.04			3.1	0.45	9.8	
			Cum	1	8.2			2.4	0.45	8.9	
		Along Short direction	Cum	1	14			6.15	0.45	38.7	
									Total Executed Quantity	95.05	
									Qty Carried to Summary	95.05	2754.49

20/7/21
AE-02

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For Mahadeshwar PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
E3		Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specificaiton. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		09/08/21 27/08/21									
		Ground Floor									
		W1	Sqm	8	1.8			0.6		7.20	
		W1(sides)	Sqm	8	2.7				0.1	2.16	
		First Floor									
		W1	Sqm	8	1.5			0.6		7.20	
		W1(sides)	Sqm	8	2.7				0.1	2.16	
									Total Executed Quantity	18.72	
									Qty Carried to Summary	18.72	2754.49

27/08/21
AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

"Improvements to Roads Drains and Other Developmental Works in Ananthapura Attur Ward No 03 Under SWM Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division Package 08"

EMB

Second and Final Bill

Measurement Sheet

BRUHAT BANGALORE MAHANAGARA PALIKE

ME OF WORK: Improvements to Roads Drains and other developmental works in Ananthapura Atttur Ward No 03 under SWM head in Chief ister Nava Nagarothan grants of yelahanka division Package -08

MEASUREMENT SHEET

Measurements Taken On

Second And Final Bill

Chainage		Description of work	Unit	No	Length	Breadth			Depth	Quantity	Rate	Amount	Remarks
om	To				(m)	B1	B2	Avg B	(m)				
Item no.13		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no.								2436.13			
		Total Executed Quantity								2436.13			
		Tender Quantity								1040.40			
		Quantity upto 125%								1300.50			
		Quantity Above 125%								1135.63			
		DPQ Quantity Paid in 1st RA Bill								375.10			
		Now to be Paid											
		Quantity upto 125%								925.40	67.47	62438.00	
		Quantity Above 125%								1135.63	67.47	76625.00	
Item no.14		Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, IIOM complete as per specifications and as per the directions of the Engineer-in-charge of the work											
			Sqm										
		Vide Total executed Quantity from premeasuremet Page no.								7562.82			
		Total Executed Quantity								7562.82			
		Tender Quantity								3468.00			
		Quantity upto 125%								4335.00			
		Quantity Above 125%								3227.82			
		DPQ Quantity Paid in 1st RA Bill								1221.57			
		Now to be Paid											
		Quantity upto 125%								3113.43	6.68	20798.00	
		Quantity Above 125%								3227.82	6.68	21556.00	
Item no.15		Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no.								1591.78			
		Total Executed Quantity								1591.78			
		Tender Quantity								834.48			
		Quantity upto 125%								1043.10			
		Quantity Above 125%								548.68			
		DPQ Quantity Paid in 1st RA Bill								296.82			
		Now to be Paid											
		Quantity upto 125%								746.28	2094.67	1563220.00	
		Quantity Above 125%								548.68	2094.67	1149312.00	
Item no.16		Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no.								1739.45			
		Total Executed Quantity								1739.45			
		Tender Quantity								1251.72			
		Quantity upto 125%								1564.65			
		Quantity Above 125%								174.80			
		DPQ Quantity Paid in 1st RA Bill								280.96			
		Now to be Paid											
		Quantity upto 125%								1283.69	2101.34	2697469.00	

For M/s ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

7/8/2021

Assistant Executive Engineer

Measurements Taken On
Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate	Amount	Remarks
		Quantity Above 125%								174.80	2101.34	367314.00	
Item no 17		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work											
			Sqm										
		Vide Total executed Quantity from premeasuremet Page no.											
		Total Executed Quantity								7401.30			
		Tender Quantity											
		Quantity upto 125%								7401.30			
		Quantity Above 125%								5563.20			
		DPQ Quantity Paid in 1st RA Bill								6954.00			
		Now to be Paid								447.30			
		Quantity upto 125%								1221.57			
		Quantity Above 125%											
										5732.43	35.62	204190.00	
										447.30	35.62	15932.00	
Item no 18		Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no.											
		Total Executed Quantity								370.07			
		Tender Quantity								370.07			
		Quantity upto 125%								278.16			
		Quantity Above 125%								347.70			
		DPQ Quantity Paid in 1st RA Bill								22.37			
		Now to be Paid								61.08			
		Quantity upto 125%											
		Quantity Above 125%								286.62	7799.90	2235621.00	
										22.37	7657.44	171260.00	
Item no 19		Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work											
			Sqm										
		Vide Total executed Quantity from premeasuremet Page no.								7401.30			
		Total Executed Quantity								7401.30			
		Modified Schedule B Quantity								7401.30			
		DPQ Quantity Paid in 1st RA Bill								1221.57			
		Now To be Paid Qty								6179.74	13.36	82562.00	
Item no 20		Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work											
Measurements Taken On:													
		1st RA Bill Measurements											
		Thirumalanagara layout.											
		Ganesh Temple Road											
		#5/2 Mathru Chaya Nilaya Road											
0	5.7		Cum	1	5.70	6.50	6.50	7.20	0.04	1.64			
5.7	5.8		Cum	1	0.10	6.50	6.50	6.40	0.04	0.03			
5.8	35.8		Cum	1	30.00	6.50	6.50	5.90	0.04	7.08			
35.8	65.8		Cum	1	30.00	6.50	6.50	5.75	0.04	6.90			
65.8	95.8		Cum	1	30.00	6.50	6.50	5.90	0.04	7.08			
95.8	125.8		Cum	1	30.00	6.50	6.50	5.98	0.04	7.17			
125.8	155.8		Cum	1	30.00	0.00	0.00	6.08	0.04	7.29			

For M/s ACT PROJECTS
Proprietor
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE
PMC

Assistant Engineer

7/8/2021

Assistant Executive Engineer

Measurements Taken On
Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate	Amount	Remarks
155.8	175.8												
		1st Cross Road	Cum	1	20.00	0.00	0.00	6.05	0.04	4.84			
0	15		Cum	1	15.00	6.10	5.95	5.25	0.04	3.15			
15	34.5		Cum	1	19.50	5.95	5.90	4.73	0.04	3.69			
		Present Bill Measurements											
		Mahalakshmi Layout											
		Raghavendra Medical Store											
0	30		Cum	1	30.00	4.25	4.80	4.53	0.04	5.43			
30	48.7		Cum	1	18.70	4.80	5.00	4.90	0.04	3.67			
48.7	50.6		Cum	1	1.90	5.00	4.40	4.70	0.04	0.36			
50.6	60		Cum	1	9.40	5.15	5.45	5.30	0.04	1.99			
60	90		Cum	1	30.00	5.45	5.35	5.40	0.04	6.48			
90	105		Cum	1	15.00	5.35	6.25	5.80	0.04	3.48			
		Cross Road -1											
0	18.3		Cum	1	18.30	6.80	6.80	6.80	0.04	4.98			
		Lotus farms Road											
0	6.3		Cum	1	6.30	9.00	8.45	8.73	0.04	2.20			
6.3	30		Cum	1	23.70	7.10	6.30	6.70	0.04	6.35			
30	51.8		Cum	1	21.80	6.30	7.00	6.65	0.04	5.80			
		Lotus farms Opposite Road											
0	16.5		Cum	1	16.50	11.10	10.00	10.55	0.04	6.96			
16.5	18.2		Cum	1	1.70	8.30	7.35	7.83	0.04	0.53			
		Cross Road-2											
0	15		Cum	1	15.00	6.40	6.45	6.43	0.04	3.86			
15	36.3		Cum	1	21.30	6.45	6.40	6.43	0.04	5.47			
36.3	45		Cum	1	8.70	3.95	5.35	4.65	0.04	1.62			
45	54.4		Cum	1	9.40	5.35	5.75	5.55	0.04	2.09			
54.4	63		Cum	1	8.60	6.40	6.40	6.40	0.04	2.20			
		Anathapura											
		Ramanashree California											
0	30		Cum	1	30.00	7.70	8.85	8.28	0.04	9.93			
30	60		Cum	1	30.00	8.85	9.05	8.95	0.04	10.74			
60	90		Cum	1	30.00	9.05	8.95	9.00	0.04	10.80			
90	120		Cum	1	30.00	8.95	7.40	8.18	0.04	9.81			
120	150		Cum	1	30.00	7.40	9.00	8.20	0.04	9.84			
150	180		Cum	1	30.00	9.00	8.95	8.98	0.04	10.77			
180	210		Cum	1	30.00	8.95	9.00	8.98	0.04	10.77			
210	240		Cum	1	30.00	9.00	9.00	9.00	0.04	10.80			
240	269.2		Cum	1	29.20	9.00	7.10	8.05	0.04	9.40			
		#19 Shri venkateshwara Nilaya											
0	15		Cum	1	15.00	4.95	4.75	4.85	0.04	2.91			
15	30		Cum	1	15.00	4.75	5.40	5.08	0.04	3.05			
30	45		Cum	1	15.00	5.40	5.40	5.40	0.04	3.24			
45	48.2		Cum	1	3.20	5.40	5.55	5.48	0.04	0.70			
		Vinay House Road											
0	30		Cum	1	30.00	7.10	6.45	6.78	0.04	8.13			
30	60		Cum	1	30.00	6.45	6.30	6.38	0.04	7.65			
60	91.1		Cum	1	31.10	6.30	7.15	6.75	0.04	8.37			
91.1	120		Cum	1	28.90	6.00	6.90	6.45	0.04	7.46			
120	150		Cum	1	30.00	6.90	6.30	6.60	0.04	7.92			

Executive Engineer
Bruhat Bangaluru Mahanagara Pa
Yelahanka, Division

For M/s. ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

8/8/2021

Measurements Taken On
Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate	Amount	Remarks
150	180		Cum	1	30.00	6.30	7.30	6.80	0.04	8.16			
180	210		Cum	1	30.00	7.30	7.00	7.15	0.04	8.58			
210	229.9		Cum	1	19.90	7.00	6.25	6.63	0.04	5.27			
229.9	231.5		Cum	1	1.60	4.15	3.10	3.63	0.04	0.23			
		Sri Rameshwar Nilaya											
0	26.9		Cum	1	26.90	6.60	5.70	6.15	0.04	6.62			
26.9	50		Cum	1	23.10	6.65	6.70	6.68	0.04	6.17			
50	73.1		Cum	1	23.10	6.70	6.70	6.70	0.04	6.19			
73.1	74.1		Cum	1	1.00	5.65	5.60	5.63	0.04	0.23			
		Total Executed Quantity								296.05			
		Modified Schedule B Quantity								296.05			
		DPQ Quantity Paid in 1st RA Bill								48.86			
		Now To be Paid Qty								247.19	9134.39	2257925.00	
Item no.21		Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and as per the directions of the Engineer-in-charge of the work												
Measurements Taken On;		16/08/2021											
		1st RA Bill Measurements											
		Thirumalanagara layout.											
		Ganesh Temple Road											
		#5/2 Mathru Chaya Nilaya Road											
0	5.7		Sqm	2	5.70	0.10	0.10	0.10		1.14			
5.7	5.8		Sqm	2	0.10	0.10	0.10	0.10		0.02			
5.8	35.8		Sqm	2	30.00	0.10	0.10	0.10		6.00			
35.8	65.8		Sqm	2	30.00	0.10	0.10	0.10		6.00			
65.8	95.8		Sqm	2	30.00	0.10	0.10	0.10		6.00			
95.8	125.8		Sqm	2	30.00	0.10	0.10	0.10		6.00			
125.8	155.8		Sqm	2	30.00	0.10	0.10	0.10		6.00			
155.8	175.8		Sqm	2	20.00	0.10	0.10	0.10		4.00			
		1st Cross Road											
0	15		Sqm	2	15.00	0.10	0.10	0.10		3.00			
15	34.5		Sqm	2	19.50	0.10	0.10	0.10		3.90			
		Present Bill Measurements											
		Mahalakshmi Layout											
		Raghavendra Medical Store											
0	30		Sqm	2	30.00	0.10	0.10	0.10		6.00			
30	48.7		Sqm	2	18.70	0.10	0.10	0.10		3.74			
48.7	50.6		Sqm	2	1.90	0.10	0.10	0.10		0.38			
50.6	60		Sqm	2	9.40	0.10	0.10	0.10		1.88			
60	90		Sqm	2	30.00	0.10	0.10	0.10		6.00			
90	105		Sqm	2	15.00	0.10	0.10	0.10		3.00			
		Cross Road -1											
0	18.3		Sqm	2	18.30	0.10	0.10	0.10		3.66			
		Lotus farms Road											
0	6.3		Sqm	2	6.30	0.10	0.10	0.10		1.26			
6.3	30		Sqm	2	23.70	0.10	0.10	0.10		4.74			
30	51.8		Sqm	2	21.80	0.10	0.10	0.10		4.36			
		Lotus farms Opposite Road											
0	16.5		Sqm	2	16.50	0.10	0.10	0.10		3.30			
16.5	18.2		Sqm	2	1.70	0.10	0.10	0.10		0.34			

For M/S ACR PROJECTS

Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

16/8/2021

Assistant Executive Engineer

Measurements Taken On
Second And Final Bill

Page No. From / To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate	Amount	Remarks
No.22	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. complete, all as per specification and direction of the Engineer-in-Charge including the cost and conveyance of all materials, cost of labour for all items of work, equipment and other incidental charges for the successful completion of the work. and as per the directions of the Engineer-in-charge of the work.											
	Cum											
	Vide Total executed Quantity from premeasuremet Page no.								423.08			
	Total Executed Quantity								423.08			
	Schedule B Quantity								220.70			
	Quantity Upto 125%								275.91			
	Quantity Above 125%								147.17			
	Now to be paid Quantity											
	Quantity Upto 125%								275.91	339.87	93553.65	
	Quantity Above 125%								147.17	339.07	49899.50	
n No.25	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work.											
urements ken on												
	Cum											
	Vide Total executed Quantity from premeasuremet Page no.								42.20			
	Total Executed Quantity								42.20			
	Modified Schedule B Quantity								42.20			
	Now to be paid Quantity								42.20	6020.41	254070.26	
m No.26	Providing and laying in position plain cement concrete of mix 1:2:4 using 20mm and downsize clean hard graded jelly of selected quality and clean sieved approved sand for Plinth course, String or Lacing courses, Copings, Sills, Bed Blocks, Anchor Blocks etc. including machine mixing, finishing with necessary formwork, laying, curing etc. complete, cost and conveyance of all materials, labour, HOM of machinery and all other incidental charges and as per the directions of the Engineer-in-charge of the work											
	Cum											
	Vide Total executed Quantity from premeasuremet Page no.								41.49			
	Total Executed Quantity								41.49			
	Schedule B Quantity								13.12			
	Quantity Upto 125%								16.40			
	Quantity Above 125%								25.09			
	Now to be paid Quantity											
	Quantity Upto 125%								16.40	6148.55	100836.22	
	Quantity Above 125%								25.09	6450.49	161826.51	
m No.34	Providing and constructing granite or basalt Size Stone Masonry, in Foundation & Plinth with CM 1:6 (1 Cement 6 Coarse sand), stones hammer dressed in courses not less than 20cms. high using through bond stones at 200cm apart in each course including cost and conveyance of all materials and other incidental charges, curing etc. complete and all as per specifications and as per the directions of the Engineer-in-charge of the work.											
	Cum											
	Vide Total executed Quantity from premeasuremet Page no.								24.79			
	Total Executed Quantity								24.79			
	Modified Schedule B Quantity								24.79			
	Now to be paid Quantity								24.79	5211.86	129200.86	
m No.23	Earth Filling to the sides of foundation and basement with available excavated & approved earth (excluding rock), including watering, tamping and compaction in layers of 15 cms. thick with all lead and lift and as directed by the Engineer-in-charge including the cost of labour for all items of work, equipment and other incidental charges for the successful completion of the work. and as per the directions of the Engineer-in-charge of the work.											
	Cum											
	Vide Total executed Quantity from premeasuremet Page no.								312.60			
	Total Executed Quantity								312.60			
	Schedule B Quantity								285.36			
	Quantity Upto 125%								312.60			
	Now to be paid Quantity											
	Quantity Upto 125%								312.60	227.93	71251.50	

For M/s. ACR PROJECTS
Proprietor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Zone)
Bangalore

Measurements Taken On

Second And Final Bill

ge To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate	Amount	Remarks
	For Columns, with RCC 1:1:2 mix concrete											
		Cum										
	Vide Total executed Quantity from premeasuremet Page no.											
ments on									13.52			
	Ground Floor											
	Column Upto beam bottom											
	C1	Cum	2	0.60			0.45	3.00	1.62			
	C1'	Cum	1	0.60			0.45	3.00	0.81			
	C2	Cum	1	0.60			0.30	3.00	0.54			
	C3	Cum	2	0.60			0.30	3.00	1.08			
	C3	Cum	1	0.60			0.30	3.00	0.54			
	C3'	Cum	2	0.60			0.30	3.00	1.08			
	C4	Cum	1	0.45			0.30	3.15	0.43			
	C4	Cum	1	0.45			0.30	3.00	0.41			
	C4'	Cum	1	0.45			0.30	3.00	0.41			
	C5	Cum	3	0.45			0.30	3.00	1.22			
	C5	Cum	1	0.45			0.30	3.00	0.41			
	Beams											
	B1(300X600) along E	Cum	1	8.41			0.30	0.45	1.14			
	B1(300X600) along D	Cum	1	7.58			0.30	0.45	1.02			
	B2(300X600) along A & B	Cum	2	7.00			0.30	0.45	1.89			
	B3(300X600) along 1	Cum	1	14.00			0.30	0.45	1.89			
	B3(300X600) along G and F	Cum	3	14.60			0.30	0.45	5.91			
	B4(300X450)	Cum	1	13.70			0.30	0.30	1.23			
	B5(300X600) along 2	Cum	1	20.32			0.30	0.45	2.74			
	B6(300X600) along 3	Cum	1	6.38			0.30	0.45	0.86			
	B7(300X600) along 4	Cum	2	6.10			0.30	0.45	1.65			
	B8(300X600) along C	Cum	1	6.54			0.30	0.45	0.88			
	B9(300X600) along 1	Cum	1	3.55			0.30	0.30	0.32			
	Slab											
	b/w A & C	Cum	1	14.60			7.00	0.15	15.33			
	b/w 3 & 5'	Cum	1	14.60			7.00	0.15	15.33			
	b/w 1 & 2	Cum	1	5.40			4.15	0.15	3.36			
	b/w 2 & 3	Cum	1	7.55			2.48	0.15	2.81			
	Stair Case											
	Waist Slab for Flight 1	Cum	1	3.76			1.50	0.15	0.85			
	Waist Slab for Flight 2	Cum	1	3.76			1.50	0.15	0.85			
	Riser and treads	Cum	24	1.50				0.02	0.81			
				Triangular area=0.5*0.3*0.15=0.0225								
	Landing	Cum	1	3.10			1.30	0.15	0.60			
	SB1	Cum	1	3.10			0.20	0.30	0.19			
								Total Executed Quantity	81.70			
								Schedule B Quantity	77.39			
								Quantity Upto 125%	81.70			
								Now to be paid Quantity				
								Quantity Upto 125%	**81.70**	**6590.81**	**538477.24**	
	First Floor											
	Column Upto beam bottom											
	C1	Cum	2	0.60			0.45	3.00	1.62			
	C1'	Cum	1	0.60			0.45	3.00	0.81			
	C2	Cum	1	0.60			0.30	3.00	0.54			
	C3	Cum	2	0.60			0.30	3.00	1.08			
	C3	Cum	1	0.60			0.30	3.00	0.54			

RUDRAPRASAD CONSULTANTS BANGALORE PMC

AssistantEngineer

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Yelahanka Zone)
Yelahanka, Bangalore

Measurements Taken On

Second And Final Bill

ainage		Description of work	Unit	No	Length	Breadth			Depth	Quantity	Rate	Amount	Remarks
n	To				(m)	B1	B2	Avg B	(m)				
		C3'	Cum	2	0.60			0.30	3.00	1.08			
		C4	Cum	1	0.45			0.30	3.15	0.43			
		C4	Cum	1	0.45			0.30	3.00	0.41			
		C4'	Cum	1	0.45			0.30	3.00	0.41			
		C5	Cum	3	0.45			0.30	3.00	1.22			
		C5	Cum	1	0.45			0.30	3.00	0.41			
		Beams											
		B1(300X600) along E	Cum	1	8.41			0.30	0.45	1.14			
		B1(300X600) along D	Cum	1	7.58			0.30	0.45	1.02			
		B2(300X600) along A & B	Cum	2	7.00			0.30	0.45	1.89			
		B3(300X600) along 1	Cum	1	14.09			0.30	0.45	1.89			
		B3(300X600) along G and F	Cum	3	14.60			0.30	0.45	5.91			
		B4(300X450)	Cum	1	13.70			0.30	0.30	1.23			
		B5(300X600) along 2	Cum	1	20.32			0.30	0.45	2.74			
		B6(300X600) along 3	Cum	1	6.38			0.30	0.45	0.86			
		B7(300X600) along 4	Cum	2	6.10			0.30	0.45	1.65			
		B8(300X600) along C	Cum	1	6.54			0.30	0.45	0.88			
		B9(300X600) along 1	Cum	1	3.55			0.30	0.30	0.32			
		B9(300X600) along 1	Cum	1	3.10			0.30	0.30	0.28			
		Slab											
		b/w A & C	Cum	1	14.60			7.00	0.15	15.33			
		b/w 3 & 5	Cum	1	14.60			7.00	0.15	15.33			
		b/w 1 & 2	Cum	1	5.40			4.15	0.15	3.36			
		b/w 2 & 3	Cum	1	7.55			2.48	0.15	2.81			
		Stair Case											
		Waist Slab for Flight 1	Cum	1	3.76			1.50	0.15	0.85			
		Waist Slab for Flight 2	Cum	1	3.76			1.50	0.15	0.85			
		Riser and treads	Cum	24	1.50				0.02	0.81			
					Triangular area=0.5*0.3*0.15=0.0225								
		Landing	Cum	1	3.10			1.30	0.15	0.60			
		SB1	Cum	1	3.10			0.20	0.30	0.19			
									Total Executed Quantity	68.46			
									Schedule B Quantity	61.29			
									Quantity Upto 125%	68.46			
									Now to be paid Quantity				
									Quantity Upto 125%	68.46	6658.85	455871.89	
em No 27 (d)		For Lintels with RCC 1:1.5:3 mix concrete											
Measurements taken on													
		Lintel Beam											
		Along long direction	Cum	2	13.50			0.20	0.20	1.08			
		Along Short direction	Cum	2	13.40			0.20	0.20	1.07			
									Total Executed Quantity	2.15			
									Modified Schedule B Quantity	2.15			
									Now to be paid Quantity	2.15	6681.53	14378.65	
		First Floor											
Measurements taken on													
		Lintel Beam											
		Along long direction	Cum	2	13.50			0.20	0.20	1.08			
		Along Short direction	Cum	2	13.70			0.20	0.20	1.10			
									Total Executed Quantity	2.18			
									Modified Schedule B Quantity	2.18			
									Now to be paid Quantity	2.18	6749.57	14687.06	

...ECTS
Proprietor
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP)
Yelahanka, Bangalore

Measurements Taken On
Second And Final Bill

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate	Amount	Remarks
		First Floor											
Measurements taken on													
		Along long Direction	Sqm	1	5.20								
			Sqm	1	1.26				3.45	17.94			
		Along short Direction	Sqm	4	1.20				3.45	4.35			
			Sqm	1	1.10				3.45	16.56			
		Deduction							3.45	3.80			
		D2	Sqm	-1	0.90								
		D3	Sqm	-4	0.75				2.10	-1.89			
									2.10	-6.30			
									Total Executed Quantity	34.46			
									Modified Schedule B Quantity	34.46			
									Now to be paid Quantity	34.46	959.36	33055.18	
Item No. 37		Providing 12mm thick plain plastering in single coat to internal ceiling & RC surfaces in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc , compelte and as per the directions of the Engineer-in-charge of the work . **Ground Floor**											
Measurements taken on													
		Ground Floor											
		Ceiling											
		Classroom 1-4	Sqm	4	7.00			5.00		140.00			
		Infront of staircase	Sqm	1	2.05			1.60		3.28			
			Sqm	1	2.55			1.50		3.83			
			Sqm	1	1.30			1.16		1.51			
		Corridor	Sqm	1	14.60			1.50		21.90			
			Sqm	1	14.60			1.50		21.90			
		Ladies toilet											
		WC	Sqm	8	1.20			1.20		11.52			
		Passage	Sqm	1	5.20			0.93		4.82			
					Trapizoidal Area=5.2*(1.039+0.816)/2=4.82								
			Sqm	1	2.47			2.19		5.42			
		Beams											
		B4	Sqm	2	14.30				0.30	8.58			
		B3	Sqm	2	14.26				0.45	12.85			
									Total Executed Quantity	235.59			
									Modified Schedule B Quantity	235.59			
									Now to be paid Quantity	235.59	255.15	60110.91	
Item No. 38		Providing 15mm thick plain plastering in single coat to internal masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc , compelte and as per the directions of the Engineer-in-charge of the work . **Ground Floor**											
Measurements taken on													
		Ground Floor											
		Internal Plastering											
		Classroom 1-4											
		Along long Direction	Sqm	8	7.00				3.45	193.20			
		Along short Direction	Sqm	8	5.00				3.45	138.00			
		Staircase wall	Sqm	1	5.40				3.45	18.63			
			Sqm	1	7.48				3.45	25.80			
		Ladies toilet											
		Along long Direction	Sqm	1	3.28				1.35	4.43			
			Sqm	1	7.38				1.35	9.96			
		Along short Direction	Sqm	1	3.64				1.35	4.91			
			Sqm	1	3.39				1.35	4.58			

For M/s. ...JECTS
Proprietor
Contractor

R.K.P.
RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

9/9/2024
Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
Assistant Executive Engineer
Yelahanka, Bangalore

Measurements Taken On
Second And Final Bill

Page To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate	Amount	Remarks
No.52	Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and HOM complete as per specifications. and as per the directions of the Engineer-in-charge of the work **Ground Floor**											
rements en on												
	Ground Floor											
	W1	Sqm	16	1.50				1.50	36.00			
	V1	Sqm	4	0.75				0.60	1.80			
								Total Executed Quantity	37.80			
								Schedule B Quantity	27.36			
								Quantity Upto 125%	34.20			
								Quantity Above 125%	3.60			
								Now to be paid Quantity				
								Quantity Upto 125%	34.20	3773.95	129069.09	
								Quantity Above 125%	3.60	3773.95	13586.23	
m No.53	Providing and fixing MS grill work for windows and ventilators weighing 21 kgs./ sqm using MS flats or MS square bars or combination of MS flats and square bars as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat red lead primer & two coats synthetic enamel paint, cost of materials, fixtures, labour and HOM of machinery complete as per technical specification and as directed by the Engineer-in-Charge of work with all lead & lift, loading & unloading and all other incedental charges etc and as per the directions of the Engineer-in-charge of the work **Ground Floor**											
surements aken on												
	Ground Floor											
	W1	Kg	16					47.25	756.00			
				21 kg per sqm 1.5*1.5*21=47.25								
	V1	Kg	4					9.45	37.80			
				21 kg per sqm 0.75*0.6*21=9.45								
								Total Executed Quantity	793.80			
								Schedule B Quantity	574.56			
								Quantity Upto 125%	718.20			
								Quantity Above 125%	75.60			
								Now to be paid Quantity				
								Quantity Upto 125%	718.20	107.73	77371.69	
								Quantity Above 125%	75.60	107.73	8144.39	
Item No.43	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. KSRB 15-18.2 Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. and as per the directions of the Engineer-in-charge of the work **Ground Floor**											
leasurements taken on												
	Ground Floor											
	W1	Sqm	16	1.50				1.50	36.00			
	V1	Sqm	4	0.75				0.60	1.80			
								Total Executed Quantity	37.80			
								Schedule B Quantity	27.36			
								Quantity Upto 125%	34.20			
								Quantity Above 125%	3.60			
								Now to be paid Quantity				
								Quantity Upto 125%	34.20	154.22	5274.32	
								Quantity Above 125%	3.60	154.22	555.23	

For Mp. Architects
Contractor
Proprietor

RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

AssistantEngineer

Asst. Executive Engineer
Yelahanka Sub. Divison
Assistant Executive Engineer
Yelahanka, Bangalore

Measurements Taken On
Second And Final Bill

ilnage	Description of work	Unit	No	Length	Breadth			Depth	Quantity	Rate	Amount	Remarks
To				(m)	B1	B2	Avg B	(m)				
E1	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specifications and as per the directions of the Engineer-in-charge of the work											
urements ken on												
		Cum										
	Vide Total executed Quantity from premeasuremet Page no.								29.97			
								Total Executed Quantity	29.97			
								Now to be paid Quantity	29.97	2754.49	82543.68	
E2	Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53 Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications. and as per the directions of the Engineer-in-charge of the work											
asurements aken on												
		Cum										
	Vide Total executed Quantity from premeasuremet Page no.								95.05			
								Total Executed Quantity	95.05			
								Now to be paid Quantity	95.05	368.55	35029.64	
E3	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specificaiton. and as per the directions of the Engineer-in-charge of the work											
asurements taken on												
		Sqm										
	Vide Total executed Quantity from premeasuremet Page no.								18.72			
								Total Executed Quantity	18.72			
								Now to be paid Quantity	18.72	366.28	6856.80	
E4	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. and as per the directions of the Engineer-in-charge of the work											
leasurements taken on												
	W1	Sqm	8	1.50			0.60		7.20			
								Total Executed Quantity	7.20			
								Now to be paid Quantity	7.20	562.46	4049.71	
E5	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. and as per the directions of the Engineer-in-charge of the work											
Measurements taken on												
	W1	Sqm	8	1.50			0.60		7.20			
								Total Executed Quantity	7.20			
								Now to be paid Quantity	7.20	568.13	4090.56	
E6	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chisile dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work											
Measurements taken on												
	Along Corridor	Cum	1	14.55			0.45	0.45	2.95			
		Cum	2	1.15			0.45	0.45	0.47			
		Cum	1	12.12			0.45	0.45	2.45			
								Total Executed Quantity	5.87			
								Now to be paid Quantity	5.87	6809.67	39948.42	
										Sub Total	18972766.00	
										12% GST	2276732.00	
										TOTAL	21249498.00	

For M/s. ACR PROJECTS
Proprietor
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

AE-02

Assistant Executive Engineer
Yelahanka Sub Division
Yelahanka, Bangalore